

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 6 of 6 returned.**☐ 1. Document ID: US 6166078 A

L4: Entry 1 of 6

File: USPT

Dec 26, 2000

US-PAT-NO: 6166078

DOCUMENT-IDENTIFIER: US 6166078 A

TITLE: Stable gelled composition with a high electrolyte content

DATE-ISSUED: December 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cantin; Herve	Morangis	N/A	N/A	FRX
Gagnebien; Didier	Chatillon	N/A	N/A	FRX

US-CL-CURRENT: [514/557](#); [514/781](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KIMC	Draw Desc	Image
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☐ 2. Document ID: US 5922764 A

L4: Entry 2 of 6

File: USPT

Jul 13, 1999

US-PAT-NO: 5922764

DOCUMENT-IDENTIFIER: US 5922764 A

TITLE: Stable gelled composition with a high electrolyte content

DATE-ISSUED: July 13, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cantin; Herve	Morangis	N/A	N/A	FRX
Gagnebien; Didier	Chatillon	N/A	N/A	FRX

US-CL-CURRENT: [514/557](#); [514/781](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KIMC	Draw Desc	Image
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☐ 3. Document ID: US 5858380 A

L4: Entry 3 of 6

File: USPT

Jan 12, 1999

US-PAT-NO: 5858380

DOCUMENT-IDENTIFIER: US 5858380 A

TITLE: Stable gelled composition with a high electrolyte content

DATE-ISSUED: January 12, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gagnebien; Didier	Westfield	NJ	N/A	N/A

US-CL-CURRENT: 424/401; 424/400, 424/485, 424/488, 424/70.13, 514/779, 514/780, 514/781, 514/782, 514/937

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 4. Document ID: US 5750124 A

L4: Entry 4 of 6

File: USPT

May 12, 1998

US-PAT-NO: 5750124

DOCUMENT-IDENTIFIER: US 5750124 A

TITLE: W/O/W emulsions

DATE-ISSUED: May 12, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gohla; Sven	Hamburg	N/A	N/A	DEX
Muller; Anja	Hamburg	N/A	N/A	DEX
Nielsen; Jens	Henstedt	N/A	N/A	DEX

US-CL-CURRENT: 424/401; 514/941, 516/54

Full	Title	Citation	Front	Review	Classification	Date	Reference	KMC	Draw Desc	Image
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☐ 5. Document ID: US 5004598 A

L4: Entry 5 of 6

File: USPT

Apr 2, 1991

US-PAT-NO: 5004598

DOCUMENT-IDENTIFIER: US 5004598 A

TITLE: Stable and quick-breaking topical skin compositions

DATE-ISSUED: April 2, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lochhead; Robert Y.	Avon Lake	OH	N/A	N/A
Castaneda; Janet Y.	Lorain	OH	N/A	N/A
Hemker; Wilfred J.	Berea	OH	N/A	N/A

US-CL-CURRENT: 424/59; 424/60, 424/73, 514/846, 514/939

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 4720353 A

L4: Entry 6 of 6

File: USPT

Jan 19, 1988

US-PAT-NO: 4720353

DOCUMENT-IDENTIFIER: US 4720353 A

TITLE: Stable pharmaceutical w/o emulsion composition

DATE-ISSUED: January 19, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bell; Stephen R.	Harwinton	CT	N/A	N/A

US-CL-CURRENT: 516/23; 514/859, 514/887, 514/937, 516/906

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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[Generate Collection](#)

Terms	Documents
((seasalt or (sea adj salt)) or epsom or electrolyte\$)[ab] and emulsion and cosmetic and emulsifier\$ and (co-emulsifier\$ or coemulsifier\$)	6

[Display](#)

10

Documents, starting with Document:

6

**Display Format:**[CIT](#)[Change Format](#)

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Terms	Documents
((seasalt or (sea adj salt)) or epsom or electrolyte\$)[ab] and emulsion and cosmetic and emulsifier\$ and (co-emulsifier\$ or coemulsifier\$) and sorbitan and stearate	2

Database:

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Refine Search:

((seasalt or (sea adj salt)) or epsom or  
electrolyte\$)[ab] and emulsion and  
cosmetic and

[Clear](#)**Search History**

Today's Date: 8/7/2001

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	((seasalt or (sea adj salt)) or epsom or electrolyte\$)[ab] and emulsion and cosmetic and emulsifier\$ and (co-emulsifier\$ or coemulsifier\$) and sorbitan and stearate	2	<u>L1</u>

d 12

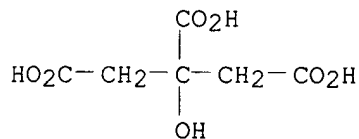
L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS  
RN 100359-41-9 REGISTRY  
CN 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, ester with  
1,2,3-propanetriol  
octadecanoate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Citrem FP 1201  
CN **Glyceryl stearate citrate**  
MF C18 H36 O2 . x C6 H8 O7 . x C3 H8 O3  
SR CA  
LC STN Files: CA, CAPLUS, TOXLIT

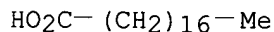
CM 1

CRN 77-92-9  
CMF C6 H8 O7



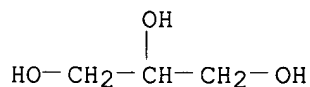
CM 2

CRN 57-11-4  
CMF C18 H36 O2



CM 3

CRN 56-81-5  
CMF C3 H8 O3



9 REFERENCES IN FILE CA (1967 TO DATE)  
9 REFERENCES IN FILE CAPLUS (1967 TO DATE)

→ seasalt  
→ epsom salt  
→ EDTA

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS  
RN 56451-84-4 REGISTRY  
CN Sorbitan, octadecanoate (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Dehymuls SMS  
CN Rikemal S 300W  
CN Sinopol 60  
CN **Sorbitan stearate**  
CN Sorbitan stearic acid ester  
CN Stearic acid ester with sorbitan  
FS STEREOSEARCH  
DR 162810-09-5  
MF C18 H36 O2 . x C6 H12 O5  
CI COM  
PCT Manual registration  
LC STN Files: BIOBUSINESS, BIOSIS, CA, CAPLUS, CIN, CSCHEM, TOXLIT,  
USPATFULL

CM 1

CRN 57-11-4  
CMF C18 H36 O2

HO<sub>2</sub>C- (CH<sub>2</sub>)<sub>16</sub>-Me

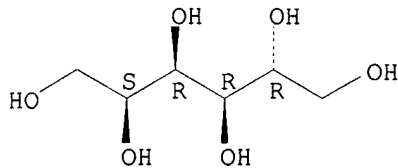
CM 2

CRN 12441-09-7  
CMF C6 H12 O5  
CCI IDS

CM 3

CRN 50-70-4  
CMF C6 H14 O6

Absolute stereochemistry.



144 REFERENCES IN FILE CA (1967 TO DATE)  
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
148 REFERENCES IN FILE CAPLUS (1967 TO DATE)

```

> s 17 and (glyceryl stearate citrate)
    8116 GLYCERYL
    54793 STEARATE
    2311 STEARATES
    55597 STEARATE
        (STEARATE OR STEARATES)
    63342 CITRATE
    1521 CITRATES
    64008 CITRATE
        (CITRATE OR CITRATES)
    14 GLYCERYL STEARATE CITRATE
        (GLYCERYL(W) STEARATE(W) CITRATE)
L8      0 L7 AND (GLYCERYL STEARATE CITRATE)

=> s 17 and 100359-41-9/RN
    9 100359-41-9
    0 100359-41-9D
    9 100359-41-9/RN
        (100359-41-9 (NOTL) 100359-41-9D )
L9      1 L7 AND 100359-41-9/RN

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=> d 19

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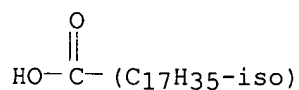
L9  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2001 ACS
AN  1997:226423  CAPLUS
DN  127:39453
TI  Selection of O/W-emulsifiers for use in sensitive skin care products
AU  Kutz, G.; Biehl, P.; Waldmann-Laue, M.; Jackwerth, B.
CS  Technologie Kosmetika Waschmittel, Fachhochschule Lippe, Lemgo, D-32657,
    Germany
SO  SOFW J. (1997), 123(3), 145-146,148,150
    CODEN: SOFJEE; ISSN: 0942-7694
PB  Verlag fuer Chemische Industrie H. Ziolkowsky
DT  Journal
LA  German

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L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS  
 RN 71902-01-7 REGISTRY  
 CN Sorbitan, isooctadecanoate (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN **Sorbitan isostearate**  
 FS STEREOSEARCH  
 MF C18 H36 O2 . x C6 H12 O5  
 LC STN Files: CA, CAPLUS, CHEMLIST, CSCHEM, TOXLIT, USPATFULL  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 30399-84-9  
 CMF C18 H36 O2  
 CCI IDS



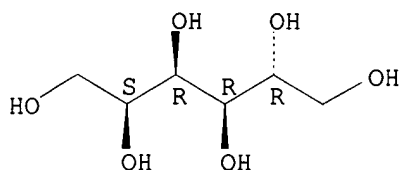
CM 2

CRN 12441-09-7  
 CMF C6 H12 O5  
 CCI IDS

CM 3

CRN 50-70-4  
 CMF C6 H14 O6

Absolute stereochemistry.



29 REFERENCES IN FILE CA (1967 TO DATE)  
 29 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s sorbitan stearate/cn



=> s sorbitan stearate/cn  
L3 1 SORBITAN STEARATE/CN

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS  
RN 56451-84-4 REGISTRY  
CN Sorbitan, octadecanoate (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Dehymuls SMS  
CN Rikemal S 300W  
CN Sinopol 60  
CN **Sorbitan stearate**  
CN Sorbitan stearic acid ester  
CN Stearic acid ester with sorbitan  
FS STEREOSEARCH  
DR 162810-09-5  
MF C18 H36 O2 . x C6 H12 O5  
CI COM  
PCT Manual registration  
LC STN Files: BIOBUSINESS, BIOSIS, CA, CAPLUS, CIN, CSCHEM, TOXLIT,  
USPATFULL

CM 1

CRN 57-11-4  
CMF C18 H36 O2

HO<sub>2</sub>C-(CH<sub>2</sub>)<sub>16</sub>-Me

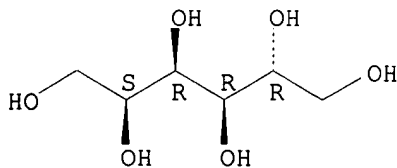
CM 2

CRN 12441-09-7  
CMF C6 H12 O5  
CCI IDS

CM 3

CRN 50-70-4  
CMF C6 H14 O6

Absolute stereochemistry.



145 REFERENCES IN FILE CA (1967 TO DATE)  
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
148 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=>

=> s sorbitan monostearate/cn  
L4           0 SORBITAN MONOSTEARATE/CN

=> s sorbitan monoester/cn  
L5           0 SORBITAN MONOESTER/CN